

| L Number | Hits | Search Text | DB | Time stamp |
|-------------|------|---|---|---------------------|
| 1 | 116 | nobuhara | USPAT | 2003/05/28 14:13 |
| 2 | 6 | nobuhara same hideo | USPAT; US-PGPUB | 2003/05/28 14:14 |
| 3 | 733 | (442/327,361,400,401).CCLS. | USPAT | 2003/05/28 14:15 |
| 4 | 2 | filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and ((442/327,361,400,401).CCLS.) | USPAT; EPO; JPO; DERWENT | 2003/05/28 14:15 |
| - | 7 | filter and cartridge and nonwoven and twill | USPAT | 2003/05/28 14:13 |
| - | 7 | filter and cartridge and nonwoven and twill | USPAT | 2002/11/15 13:36 |
| - | 6 | filter and cartridge and nonwoven and twill and (cylinder or tub\$5) | USPAT | 2002/11/15 13:37 |
| - | 9 | filter and cartridge and nonwoven and twill and (cylinder or tub\$5) | USPAT; EPO; JPO; DERWENT | 2003/05/27 13:10 |
| - | 122 | filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) | USPAT; EPO; JPO; DERWENT | 2003/05/28 14:15 |
| - | 938 | kabushiki and kaisha and takano | USPAT; EPO; JPO; DERWENT | 2003/05/27 13:11 |
| - | 130 | kabushiki and kaisha and takano and filter | USPAT; EPO; JPO; DERWENT | 2003/05/27 13:12 |
| - | 25 | "5225014" | USPAT; EPO; JPO; DERWENT | 2003/05/27 13:12 |
| - | 13 | "313920" | USPAT; EPO; JPO; DERWENT | 2003/05/27 13:25 |
| - | 16 | takano and wada and yoneji | USPAT; EPO; JPO; DERWENT | 2003/05/27 13:25 |
| - | 28 | filter.ab. and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) | USPAT; EPO; JPO; DERWENT | 2003/05/27 13:31 |
| - | 12 | filter.ab. and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (melt or melt\$5) | USPAT; EPO; JPO; DERWENT | 2003/05/27 13:42 |
| - | 0 | filter.ab. and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (melt or melt\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath)). | USPAT; EPO; JPO; DERWENT | 2003/05/28 09:49 |
| - | 14 | filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (melt or melt\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath)) | USPAT; EPO; JPO; DERWENT | 2003/05/27 13:44 |
| - | 16 | filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (melt or melt\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/27 13:45 |

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| - | 16 | filter and (nonwoven non-woven (non adj woven) web or webbing or mat or matting) and twill and (cylinder or tub\$5) and (melt or melt\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/27 13:46 |
| - | 845 | filter and (nonwoven non-woven (non adj woven) web or webbing or mat or matting) and (cylinder or tub\$5) and (melt or melt\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/27 13:46 |
| - | 142 | filter.ab. and (nonwoven non-woven (non adj woven) web or webbing or mat or matting) and (cylinder or tub\$5) and (melt or melt\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/27 13:48 |
| - | 55 | filter.ab. and (nonwoven non-woven (non adj woven) web or webbing or mat or matting) and (cylinder or tub\$5) and (melt or melt\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath)) and (wind\$5 or wound\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/27 14:27 |
| - | 10 | "518614" | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/27 14:28 |
| - | 4 | "6090731" | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/27 14:30 |
| - | 6 | 6090731.pn. 5721180.pn. 5652041.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/27 14:30 |
| - | 3 | 6090731.pn. 5721180.pn. 5652041.pn. | USPAT; US-PGPUB; EPO | 2003/05/27 14:30 |
| - | 1 | filter.ab. and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath)) | USPAT; EPO; JPO; DERWENT | 2003/05/28 09:51 |
| - | 20 | filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath)) | USPAT; EPO; JPO; DERWENT | 2003/05/28 11:00 |
| - | 22 | filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/28 10:34 |
| - | 3 | "4045810" | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/28 10:19 |
| - | 25 | "101957" | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/28 10:19 |
| - | 0 | "90150284" | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/28 10:20 |

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| - | 202 | cartridge and filter and nonwoven and porous and cylinder | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/28 10:34 |
| - | 78 | filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath) composite) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/28 10:44 |
| - | 40 | filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and perforat\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/28 10:49 |
| - | 43 | filter\$5 and (nonwoven\$3 non-woven\$3 (non adj woven\$3)) and twill and (cylinder or tub\$5) and perforat\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/28 10:55 |
| - | 1 | "2521055".PN. | USPAT | 2003/05/28 10:54 |
| - | 1 | "2689813".PN. | USPAT | 2003/05/28 10:54 |
| - | 1 | "3061107".PN. | USPAT | 2003/05/28 10:54 |
| - | 440 | (210/497.1).CCLS. | USPAT | 2003/05/28 10:56 |
| - | 0 | ("14 and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath))").PN. | USPAT | 2003/05/28 11:01 |
| - | 0 | ((210/497.1).CCLS.) and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath)) | USPAT | 2003/05/28 11:01 |
| - | 2 | ((210/497.1).CCLS.) and (nonwoven non-woven (non adj woven)) and twill | USPAT | 2003/05/28 11:03 |
| - | 1 | "2201628".PN. | USPAT | 2003/05/28 11:02 |
| - | 1 | "2604994".PN. | USPAT | 2003/05/28 11:02 |
| - | 1 | "2697524".PN. | USPAT | 2003/05/28 11:02 |
| - | 1 | "2816663".PN. | USPAT | 2003/05/28 11:02 |
| - | 1 | "2863561".PN. | USPAT | 2003/05/28 11:02 |
| - | 1 | "3398834".PN. | USPAT | 2003/05/28 11:03 |
| - | 1 | "3537592".PN. | USPAT | 2003/05/28 11:03 |
| - | 1 | "4632755".PN. | USPAT | 2003/05/28 11:03 |
| - | 1 | "4642182".PN. | USPAT | 2003/05/28 11:03 |
| - | 4 | filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) | EPO; JPO; DERWENT | 2003/05/28 11:11 |
| - | 4 | filter\$5 and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) | EPO; JPO; DERWENT | 2003/05/28 11:11 |
| - | 4 | filter\$5 and (nonwoven non-woven (non adj woven) web webbing mat sheet\$5) and twill and (cylinder or tub\$5) | EPO; JPO; DERWENT | 2003/05/28 11:25 |

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| - | 250 | filter\$5 and (nonwoven non-woven (non adj woven) web webbing mat sheet\$5) and twill and (cylinder or tub\$5) | USPAT; EPO; JPO; DERWENT | 2003/05/28 11:26 |
| - | 62 | filter\$5 and (nonwoven non-woven (non adj woven) web webbing mat sheet\$5) and twill and (cylinder or tub\$5) and perforat\$5 | USPAT; EPO; JPO; DERWENT | 2003/05/28 11:26 |